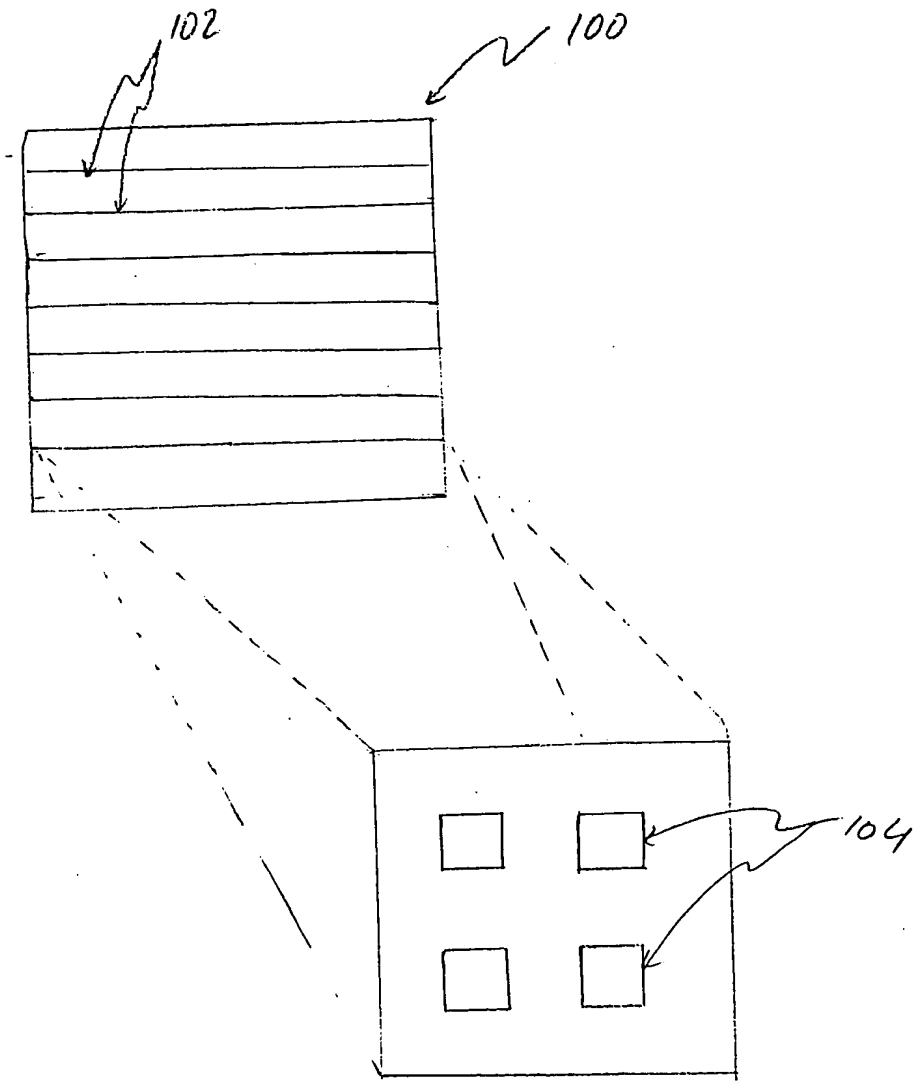


FIG. 1

| Field | Byte Length | Byte Offset | Description |
|---|---|---|---|
| Header | | | |
| Signature | 4 | 0 | 'CPEP' Signature for the Corrected Platform Error Polling Table. |
| Length | 4 | 4 | Length, in bytes, of the entire Corrected Platform Error Polling Table |
| Revision | 1 | 8 | 1 |
| Checksum | 1 | 9 | Entire table must sum to zero. |
| OEMID | 6 | 10 | OEM ID |
| OEM Table ID | 8 | 16 | For the Corrected Platform Error Polling Table, the table ID is the manufacturer model ID. |
| OEM Revision | 4 | 24 | OEM revision of Corrected Platform Error Polling Table for supplied OEM Table ID. |
| Creator ID | 4 | 28 | Vendor ID of utility that created the table. For tables containing Definition Blocks, this is the ID for the ASL Compiler. |
| Creator Revision | 4 | 32 | Revision of utility that created the table. For tables containing Definition Blocks, this is the revision for the ASL Compiler. |
| Reserved | 8 | 36 | Reserved, must be 0. |
| CPEP Structure[n] | --- | 44 | A list of CPEP structures for the platform. The CPEP structure is defined in the following section. |

FIG. 2

| Field | Byte Length | Byte Offset | Description |
|---|---|---|---|
| Type | 1 | 0 | 0–Corrected Platform Error Polling structure |
| Length | 1 | 1 | 8 |
| Processor ID | 1 | 2 | Processor ID of destination. |
| Processor EID | 1 | 3 | Processor EID of destination. |
| Polling Interval | 4 | 4 | Platform-suggested polling interval (in milliseconds) |

FIG. 3

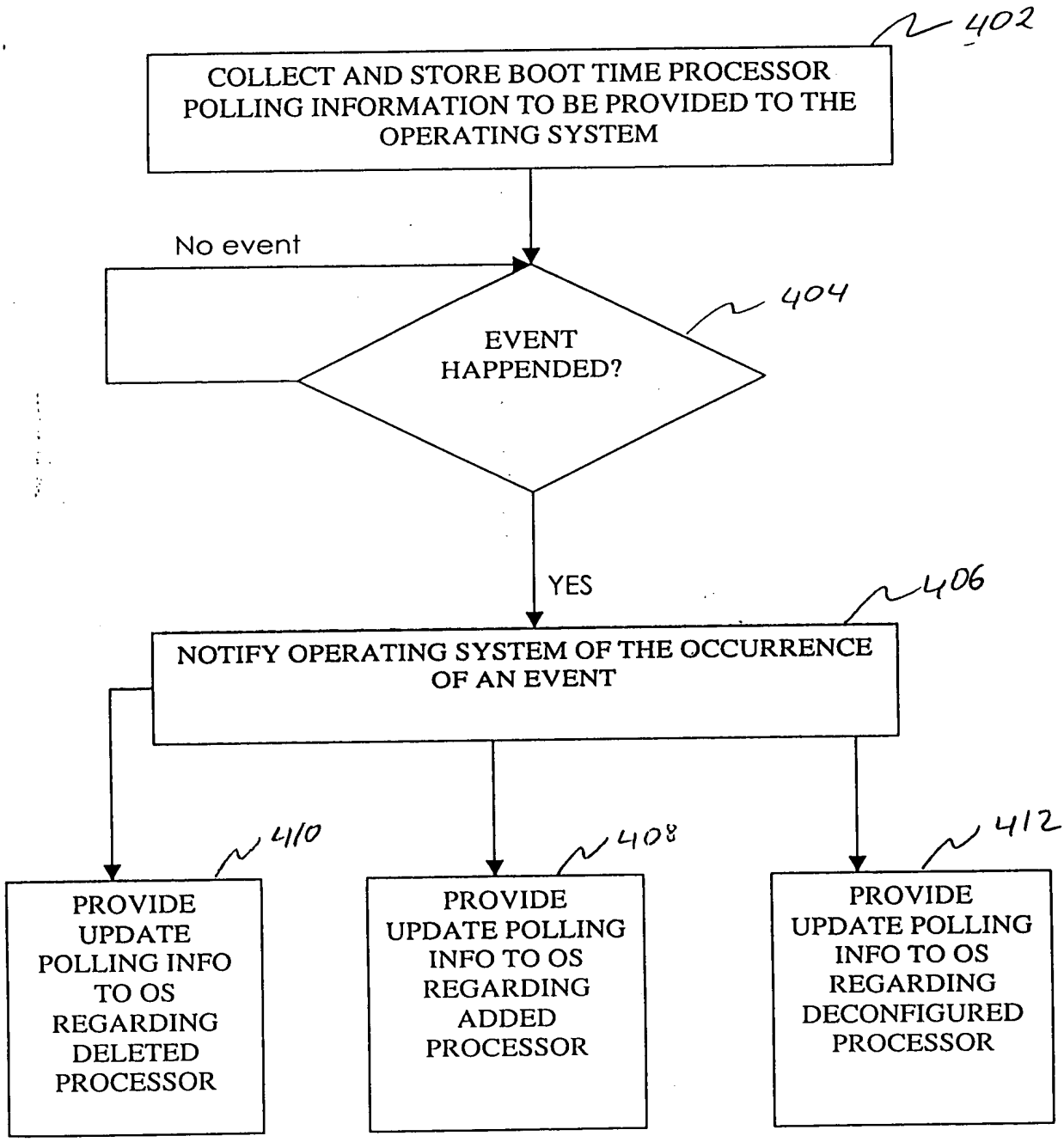
402
COLLECT AND STORE BOOT TIME PROCESSOR POLLING INFORMATION TO BE PROVIDED TO THE OPERATING SYSTEM
No event
404
EVENT HAPPENDED?
YES
406
NOTIFY OPERATING SYSTEM OF THE OCCURRENCE OF AN EVENT
410
PROVIDE UPDATE POLLING INFO TO OS REGARDING DELETED PROCESSOR
408
PROVIDE UPDATE POLLING INFO TO OS REGARDING ADDED PROCESSOR
412
PROVIDE UPDATE POLLING INFO TO OS REGARDING DECONFIGURED PROCESSOR

FIG. 4

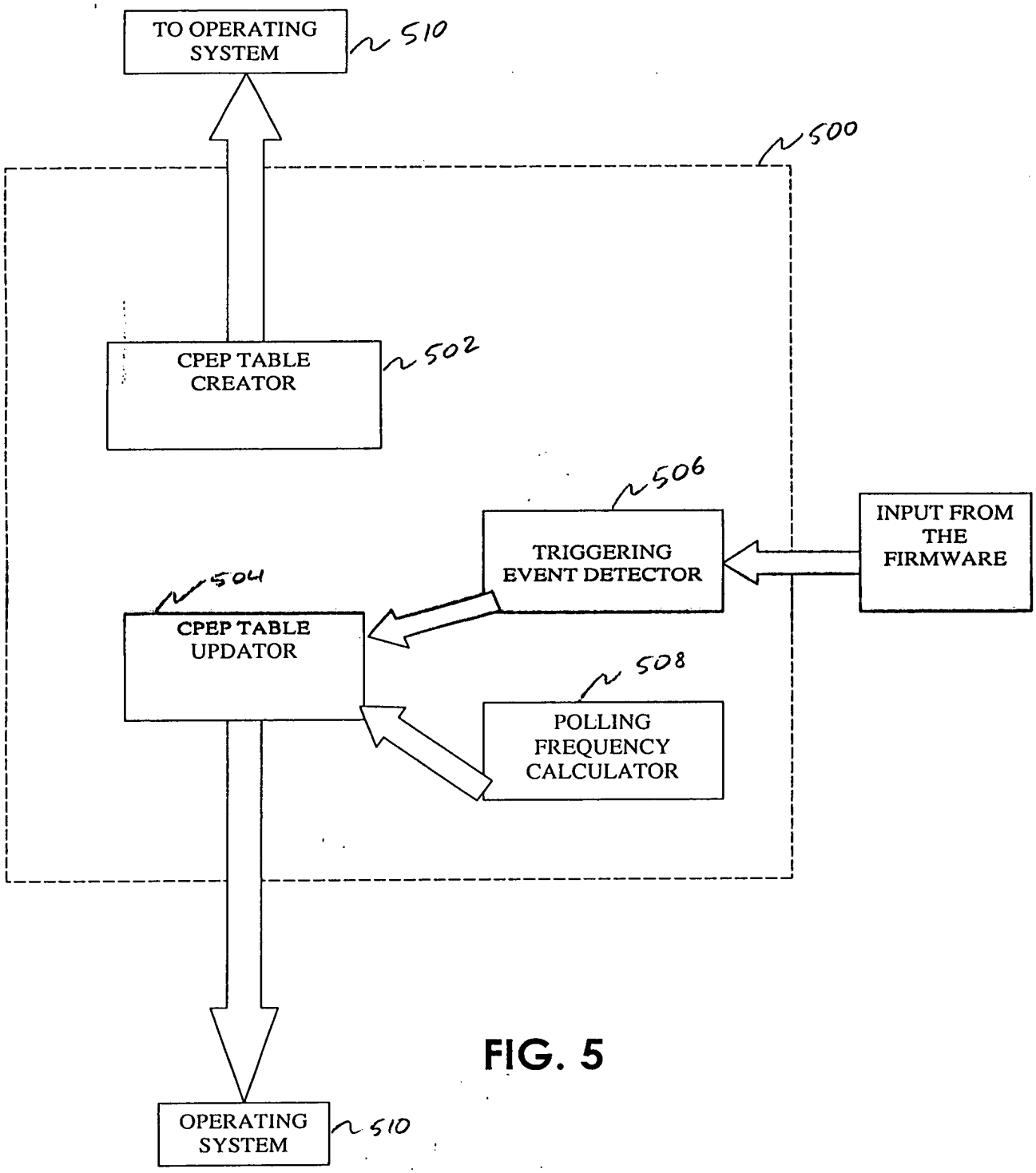
TO OPERATING SYSTEM
510
500
CPEP TABLE CREATOR
502
506
TRIGGERING EVENT DETECTOR
INPUT FROM THE FIRMWARE
504
CPEP TABLE UPDATOR
508
POLLING FREQUENCY CALCULATOR
OPERATING SYSTEM
510

FIG. 5